

**REMARKS**

The Office Action required election/restriction to one of the following:

Species I: Claims 14, 15, 16, 17, 21, 22, 23, 24, 25, 28, 29, 31,  
32, 33, and 34; or

Species II: Claims 18, 19, 20, 26, 27 and 30.

The Examiner alleged that Species I is directed towards an electric field sensor with compensation means for offsetting the natural birefringence of an electro-optic crystal by adjusting the angle of a half wave plate and that Species II is directed towards an electric field sensor with compensation means for offsetting the natural birefringence of an electro-optic crystal by applying a control signal to a pair of electrodes based on an alternate current signal.

It is respectfully requested that the Examiner withdraw the election/restriction requirement since it is improper. The requirement is traversed since it identifies claims as species, which is improper. Claims themselves are never species. MPEP 806.04(e). To the extent that the requirement can be interpreted as an election of species requirement, Species II, which is directed toward an embodiment using an electric field sensor with compensation means for offsetting the natural birefringence of an electro-optic crystal by applying a control signal to a pair of electrodes based on an alternate current signal, is elected with traverse. Claims 18, 19, 20, 26, 27 and 30 are readable on the elected species.

**CONCLUSION**

No fees are believed due. However, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account 11-0855. If there are any

issues that can be addressed via telephone, the Examiner is asked to contact the undersigned at 404.685.6799.

Respectfully submitted,

/Brenda O. Holmes/

Brenda O. Holmes  
Reg. No. 40,339

Kilpatrick Stockton LLP  
1100 Peachtree Street, Suite 2800  
Atlanta, Georgia 30309  
(404) 815-6500  
KS File: 44471/313606